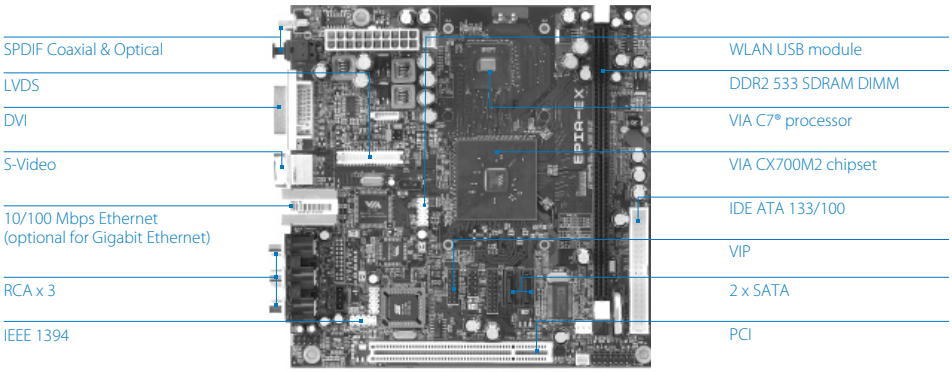
Mini-ITX Series

VIA
EPIA EX

Mini-ITX C7® Board with MPEG-2, WMV9, DVI & LVDS Support

Board Placement



Features

- Integrated VIA UniChrome™ Pro II 3D/2D graphics with MPEG-2 and WMV9 decoding acceleration
- Supports HD Audio, with back panel I/O RCA (L+R) to support 2-CH; with S/PDIF output to have 8-CH audio experience
- Supports onboard single-channel LVDS and back panel DVI-I connector
- Supports HDTV resolution TV-out and with S-Video, Composite & Component RCA connectors available in the back panel
- Supports IEEE 1394
- Supports 10/100 Mbps Ethernet, optional for Gigabit Ethernet
- Onboard LPC and SMBus pin headers
- Onboard Video Capture port-CAP0

CE FC

ROHS COMPLIANT

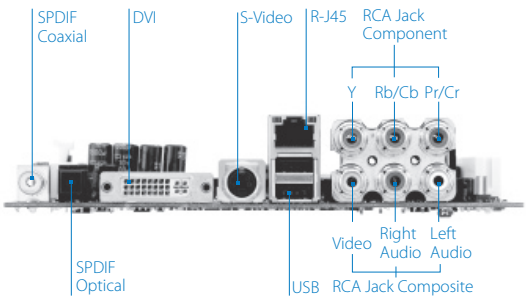
Specifications

Model Name	EPIA EX15000G	EPIA EX15000LG*	EPIA EX10000EG
Processor	1.5GHz VIA C7®	1.5GHz VIA C7®	1.0GHz VIA C7®
Onboard LAN	VIA VT6107 10/100 Mbps Ethernet controller	1 VIA VT6122 Gigabit Ethernet controller	VIA VT6107 10/100 Mbps Ethernet controller
Chipset	VIA CX700M2 Unified Digital Media IGP chipset		
System Memory	1 DDR2 533 DIMM socket Up to 1GB memory size		
VGA	Integrated VIA UniChrome™ Pro II 3D/2D AGP graphics with MPEG-2 and WMV9 decoding acceleration		
Expansion Slot	1 x PCI slot		
Onboard IDE	1 x UltraDMA 133/100/66 connector		
Onboard Audio	VIA VT1708A High Definition Audio Codec		
Onboard TV-out	VIA VT1625M HDTV Encoder		
Onboard IEEE 1394	VIA VT6307S IEEE 1394 Firewire		
Onboard I/O Connectors	2 x USB connectors for 4 additional USB 2.0 ports 1 x IEEE1394 connector 1 x LPC connector 2 x SATA connectors 1 x LVDS connector, for 18/24-bit single channel LVDS panel 1 x TV-out connector for SCART and D-terminal (optional) 1 x Pin connector for CCIR656/601 video input and SMBus 1 x Audio connector for Line-in 1 x Front panel audio connector for Line-out and Mic-in 1 x PS2 mouse/keyboard header 2 x Fan connectors for CPU and system fans 1 x ATX power connector		
Back Panel I/O	1 x S/PDIF coaxial connector 1 x S/PDIF optical connector 1 x DVI-I port 1 x S-Video port 1 x GigaLAN port 2 x USB 2.0 ports 1 x Triple RCA jack for composite video and stereo audio outputs 1 x Triple RCA jack for component video output		
BIOS	Award BIOS LPC 4/8Mbit flash memory		
Operating System	Windows XP, Windows Embedded CE, Windows Embedded Standard, Linux		
System Monitoring & Management	Wake-on LAN, Keyboard Power-on, Timer Power-on System power management AC power failure recovery		
Operating Temperature	0°C ~ 50°C		
Operating Humidity	0% ~ 95% (relative humidity; non-condensing)		
Form Factor	Mini-ITX (6-layer) 17 cm x 17 cm		

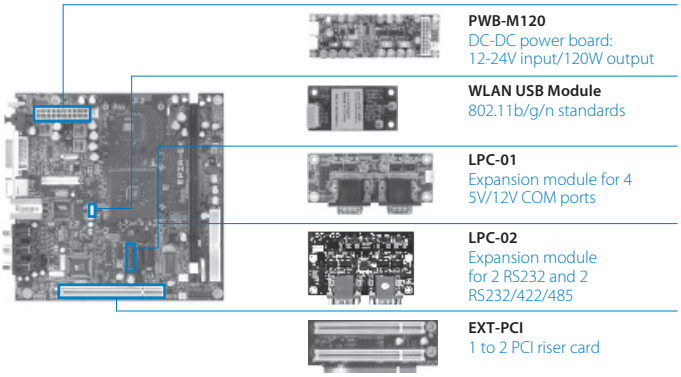
* Minimum order quantity is required.

VIA Embedded

Back Panel I/O



Accessories



PWB-M120
DC-DC power board:
12-24V input/120W output

WLAN USB Module
802.11b/g/n standards

LPC-01
Expansion module for 4
5V/12V COM ports

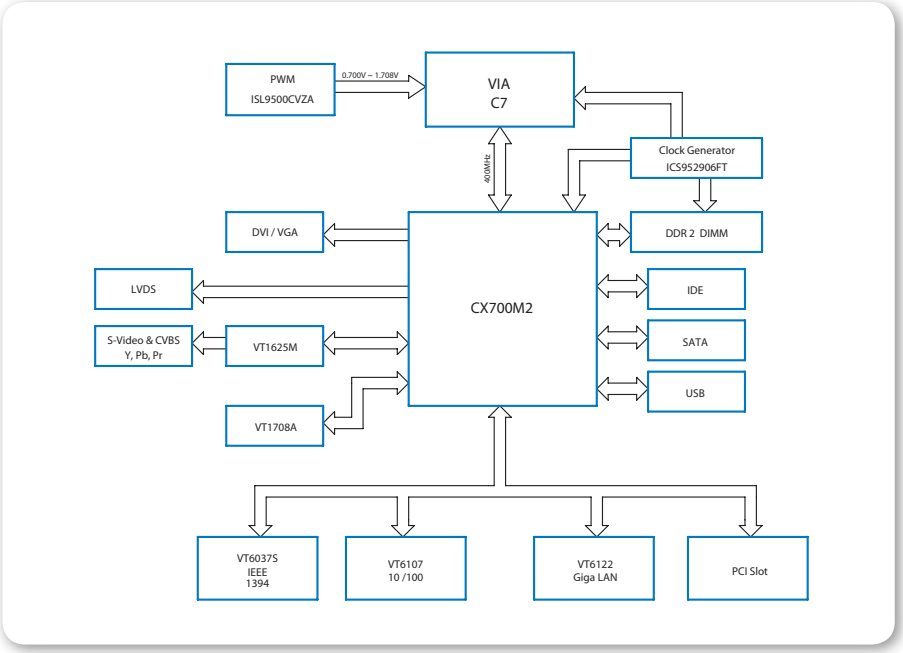
LPC-02
Expansion module
for 2 RS232 and 2
RS232/422/485

EXT-PCI
1 to 2 PCI riser card

Ordering Information

Model Name	CPU Frequency	Description
EX15000G	1.5GHz C7®	Mini-ITX Board with 1.5GHz C7®, DVI, USB, LVDS, LAN, TV-out, SATA, Coaxial & Optical SPDIF-out
EX15000LG	1.5GHz C7®	Mini-ITX Board with 1.5GHz C7®, DVI, USB, LVDS, GigaLAN, TV-out, SATA, Coaxial & Optical SPDIF-out
EX10000EG	1.0GHz C7®	Mini-ITX Board with 1.0GHz C7®, DVI, USB, LVDS, LAN, TV-out, SATA, Coaxial & Optical SPDIF-out

Block Diagram



Packing List

Items
1 x ATA-66/100/133 IDE ribbon cable
1 x Driver CD
1 x I/O bracket
1 x Screws accessory package